



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera

Regency Plus, Inc.
1024 Locust Gap Highway
Mount Carmel, PA 17851

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "5000" White PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. RPLS0062, titled "Impact Series 5000 Single Hung Window - L.M.I.", sheets 1 through 5 of 5, dated 11/26/08, with revision C dated 02/07/12, prepared by PTC LLC, signed and sealed by Robert J. Amoruso, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 08-1210.13 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
7/4/11/12

NOA No. 12-0223.10
Expiration Date: July 22, 2014
Approval Date: April 19, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **RPLS0062**, sheets 1 through 5 of 5, titled "Impact Series 5000 Single Hung Window - L.M.I", dated 11/26/08, with revision C dated 02/07/12, prepared by PTC LLC, signed and sealed by Robert J. Amoruso, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of white PVC single hung window, prepared by National Certified Testing Laboratories, Test Report No. **NTCL-110-11537-1**, dated 08/18/08, revised 09/03/08, with addendum letters dated 03/31/09 and 05/01/09, all signed and sealed by Harold Rupp, P.E.
(Submitted under previous NOA#08-1210.13)

C. CALCULATIONS

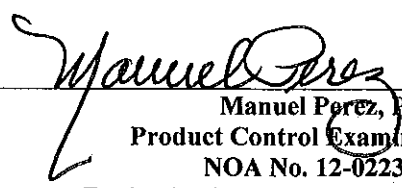
1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by PTC LLC, dated 11/21/08, signed and sealed by Paul E. Winter, P.E.
(Submitted under previous NOA#08-1210.13)
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.01** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 09/08/11, expiring on 12/11/16.
2. Notice of Acceptance No. **07-1016.05**, issued to **Dominion Plastics, Inc.**, for their **White Rigid PVC Exterior Extrusions**, approved on 11/15/07, expiring on 10/24/12.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 12-0223.10
Expiration Date: July 22, 2014
Approval Date: April 19, 2012

Regency Plus, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2010, and of no financial interest, dated February 07, 2012, signed and sealed by Robert J. Amoruso, P.E.

G. OTHER

1. Notice of Acceptance No. **08-1210.13**, issued to Regency Plus, Inc. for their Series "5000" White PVC Single Hung Window – L.M.I., approved on 07/22/09 and expiring on 07/22/14.


Manuel Perez, P.E.

Product Control Examiner
NOA No. 12-0223.10

Expiration Date: July 22, 2014
Approval Date: April 19, 2012

REGENCY PLUS, INC.

IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH 2007 AND 2010 FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # NCTL-110-11537-1 DATED 09/3/08 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
3. THE PRODUCT HAS BEEN EVALUATED FOR CONFORMANCE TO THE STANDARDS LISTED IN THE 2007 AND 2010 FLORIDA BUILDING CODE (FBC) AND IS IN COMPLIANCE WITH SAID STANDARDS, INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS.
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
5. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
6. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:

- A. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- B. INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.

7. WINDOW FRAME MATERIAL: RIGID VINYL PVC (N.O.A. 07-1016.05)
8. EACH WINDOW ASSEMBLY SHALL BE LABELED WITH A PERMANENT LABEL AND/OR STAMP WITH THE EXTRUDER CODE AND "MDCA" AS STATED IN N.O.A. NO. 07-1016.05.
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
10. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
11. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR ($C_d = 1.6$) HAS BEEN USED FOR WOOD ANCHOR DESIGN.
12. WHERE WIND-BOURNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR THRU MAIN FRAME WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2-1/2 INCHES.
6. FOR PARTING STOP INSTALLATION USE #8 X 1 1/2" DRYWALL SCREWS.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.

8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
10. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD PT SOUTHERN YELLOW PINE - MINIMUM SPECIFIC GRAVITY IS 0.55. LUMBER MUST COMPLY WITH FBC SECTIONS 2411.3.3.3 AND 2326.2 AS TO WOOD PROTECTION.
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND CONFORMS TO ACI 301.
 - C. MASONRY - STRENGTH CONFORMS TO ASTM C-90.

TABLE OF CONTENTS		
SHEET	REV.	SHEET DESCRIPTION
1	C	GENERAL NOTES, INSTALLATION NOTES & D.P. CHART
2	C	ELEVATION AND ANCHOR LAYOUT
3	C	VERTICAL SECTIONS
4	C	HORIZONTAL SECTIONS, GLAZING DETAIL & BILL OF MATERIALS
5	C	COMPONENTS & CORNER DETAIL

DESIGN PRESSURE RATING (PSF)	IMPACT RATING
±55.0	LARGE MISSILE IMPACT

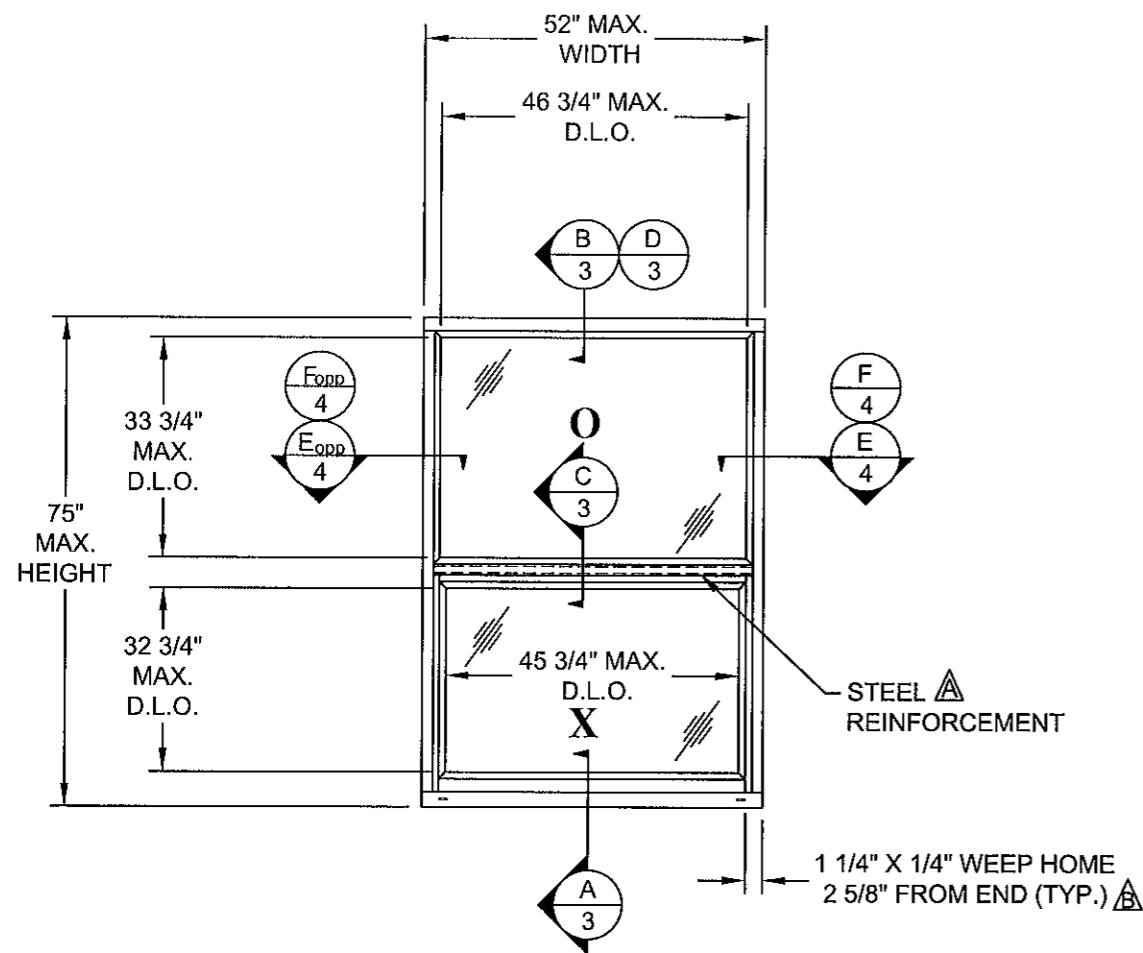
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B	PER MIAMI-DADE COMMENTS DATED 4/28/09		05/26/09	SMC
A	PER MIAMI-DADE COMMENTS DATED 3/3/09		04/15/09	SMC
REV	DESCRIPTION		DATE	BY

REGENCY PLUS, INC. 1024 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851				
TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI GENERAL AND INSTALLATION NOTES				
DRAWN BY:	DATE:	DRAWING NO:	SHEET:	
SMC	11/26/08	RPLS00062	1 OF 5	
SCALE:	N.T.S.			
REV:	C			

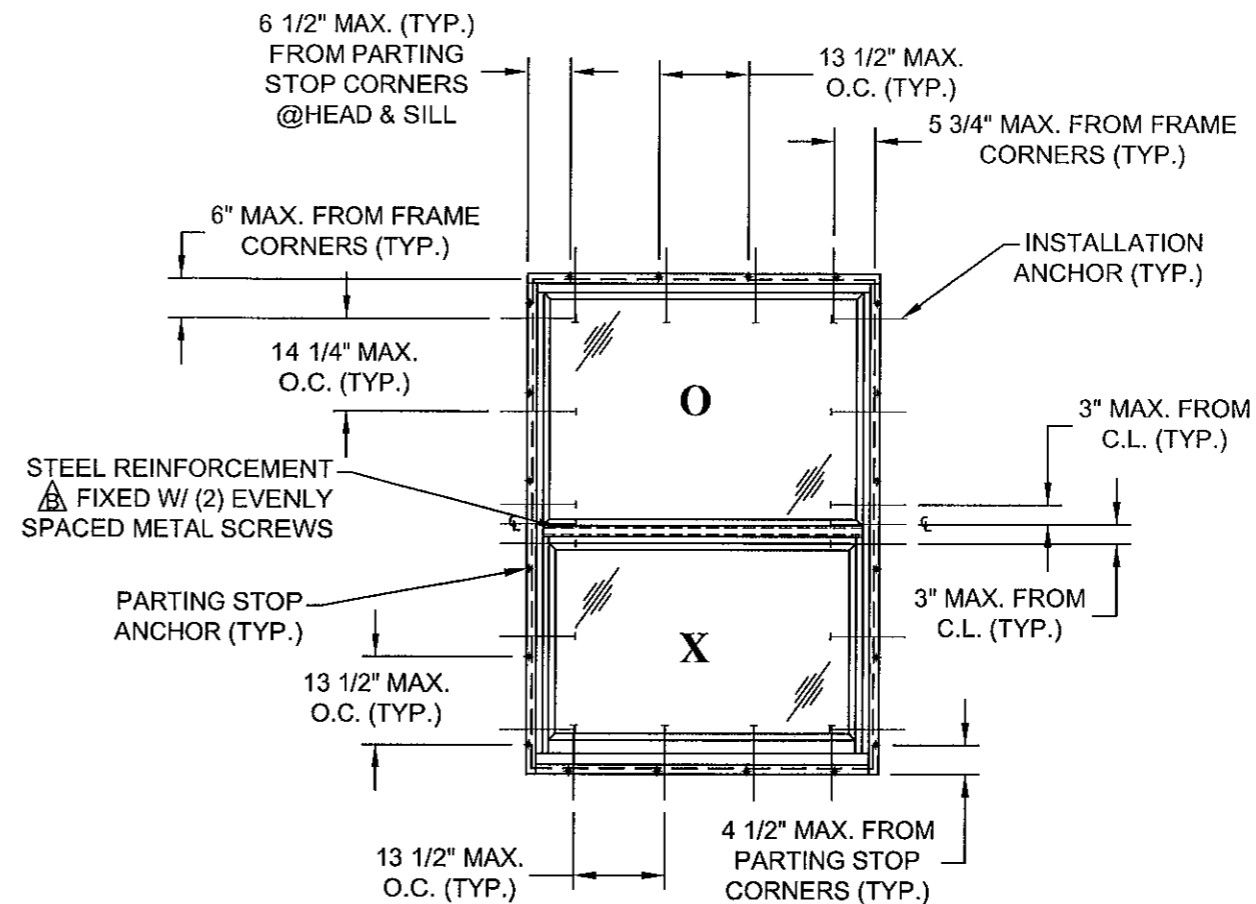
Robert J. Amoroso, P.E.
Florida P.E. No. 49752

PTC Product Design Group, LLC
PO Box 520775
Longwood, FL 32752-0775
321-690-1788 info@pte-corp.com
FBPE Certificate of Authorization
No. 25935

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0223.10
Expiration Date July 22, 2014
By *Mmanuel Sma*
Miami Dade Product Control



ELEVATION A
EXTERIOR VIEW



ANCHOR LAYOUT
EXTERIOR VIEW

PROJECT #412-0120

DATE	BY
02/07/12	TJH
05/26/09	SMC
04/15/09	SMC

REV	DESCRIPTION
C	UPDATE TO 2010 FBC
B	PER MIAMI-DADE COMMENTS DATED 4/28/09
A	PER MIAMI-DADE COMMENTS DATED 3/3/09

REGENCY PLUS, INC.

1024 LOCUST GAP HIGHWAY

MT. CARMEL, PA 17851

TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI ELEVATION AND ANCHOR LAYOUT

DATE: 11/26/08

DRAWING NO: RPLS0062

SHEET: 2 OF 5

PREPARED BY:

SMC

N.T.S.

REV: C

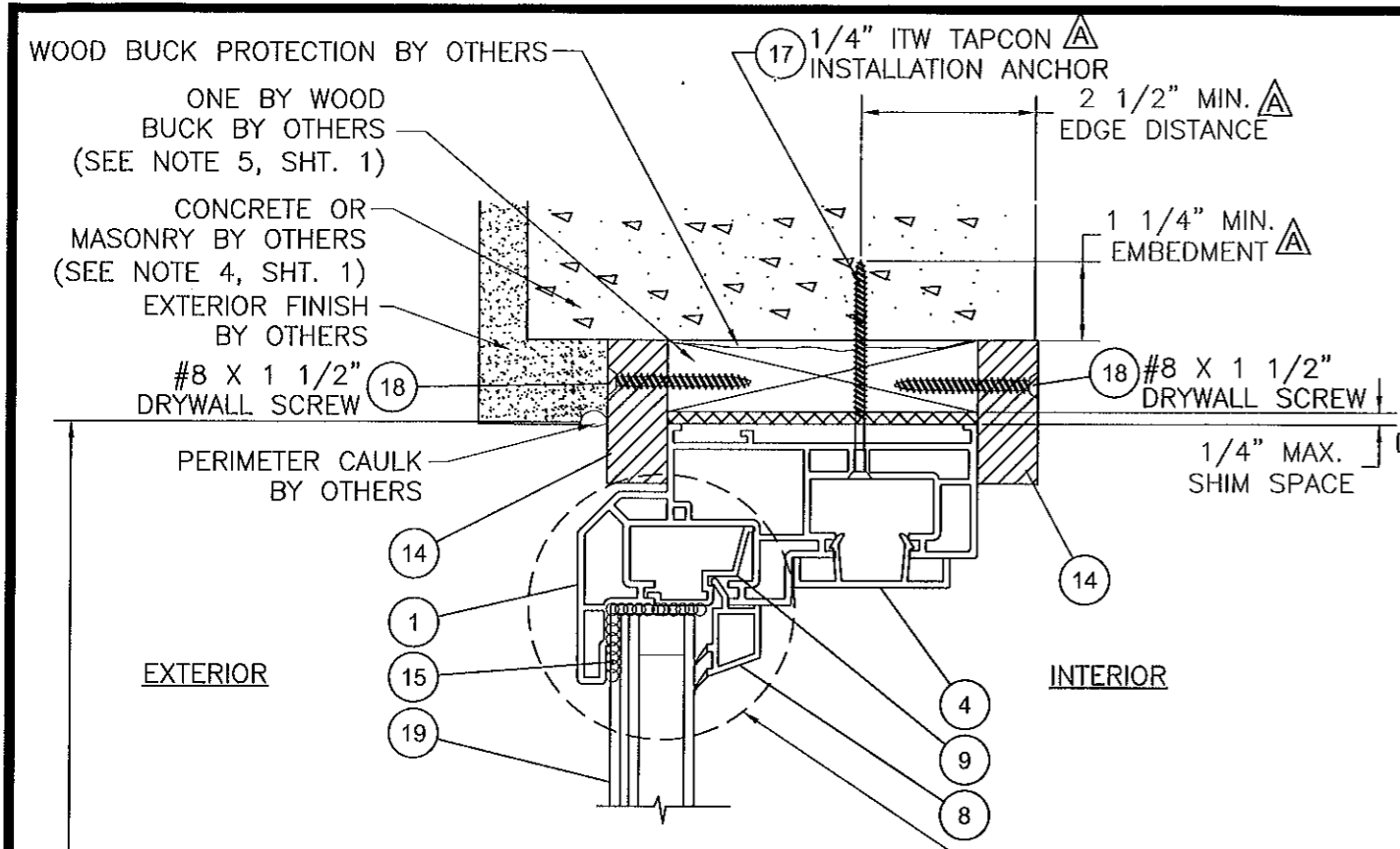


Robert J. Amoroso, P.E.
Florida P.E. No. 49752

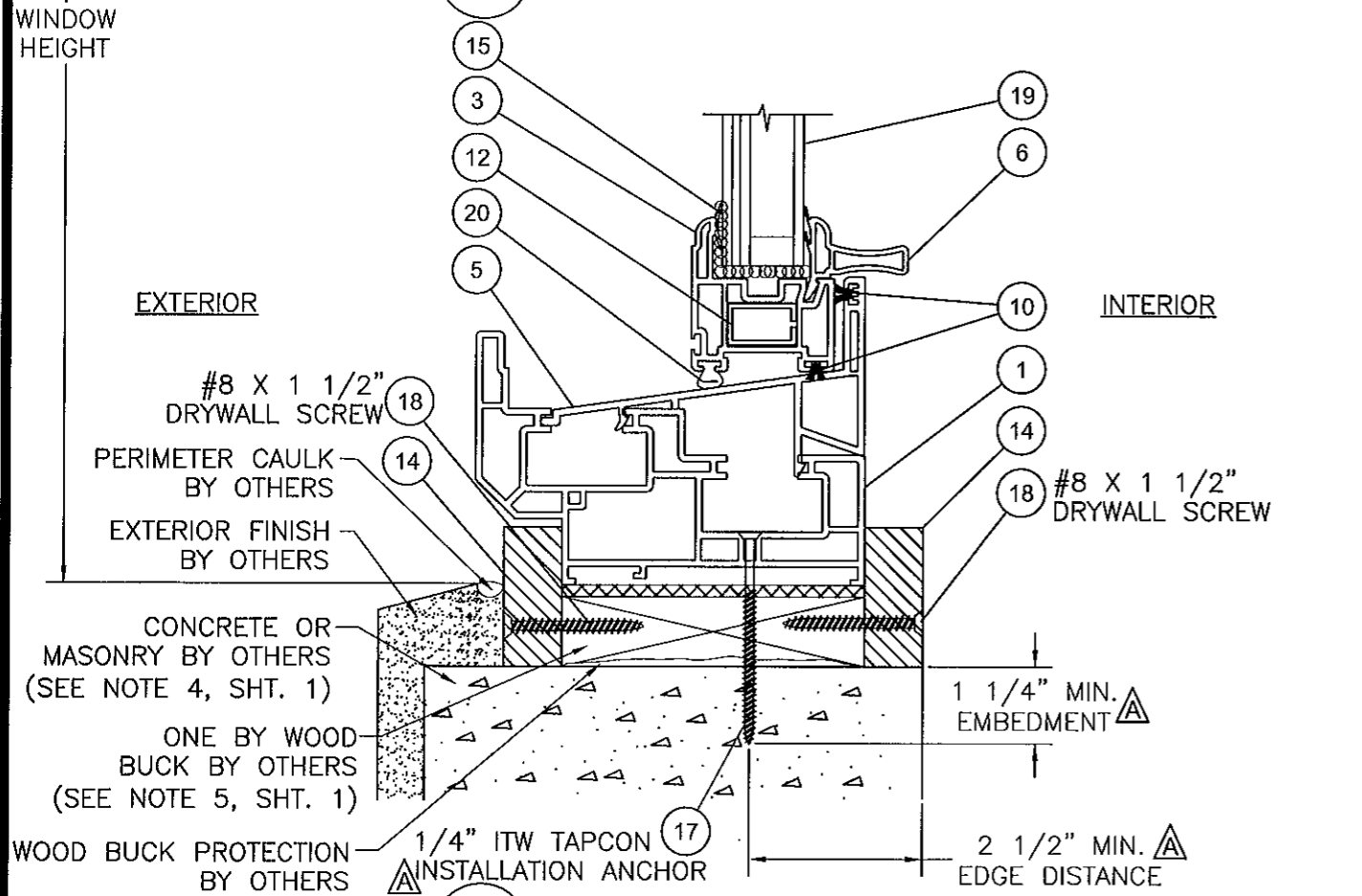
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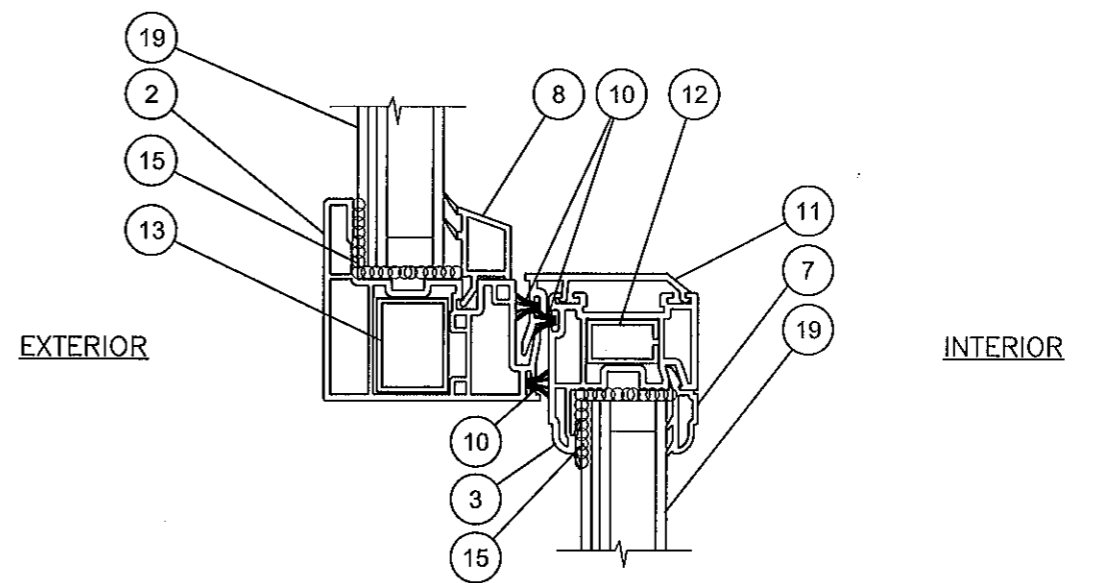
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By *Handwritten signature*
Miami Dade Product Control



B VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



D VERTICAL SECTION
WOOD SUBSTRATE



C VERTICAL SECTION
SASH AT FIXED RAIL

PROJECT #12-0120		TJH	SMC	SMC	BY
UPDATE TO		02/07/12	05/26/09	04/15/09	DATE
2010 FBC		PER MIAMI-DADE	COMMENTS DATED 4/28/09	PER MIAMI-DADE	COMMENTS DATED 3/3/09
C	B	A	REV	DESCRIPTION	

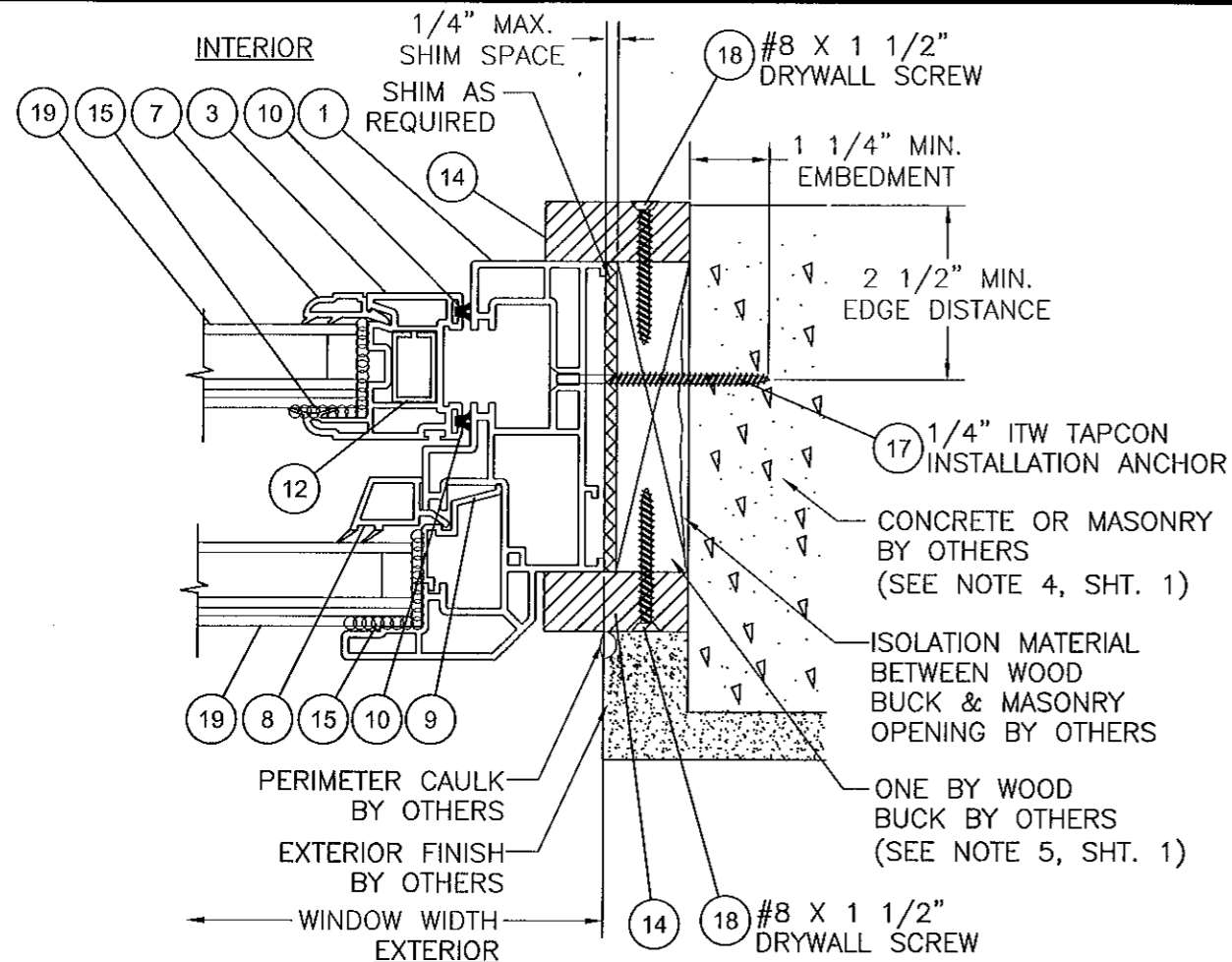
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TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI VERTICAL SECTIONS		SCALE: N.T.S.	DRAWING NO: RPLS0062
PREPARED BY: PTC		REV: C	SHEET: 3 OF 5

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

WJ 2/7/12

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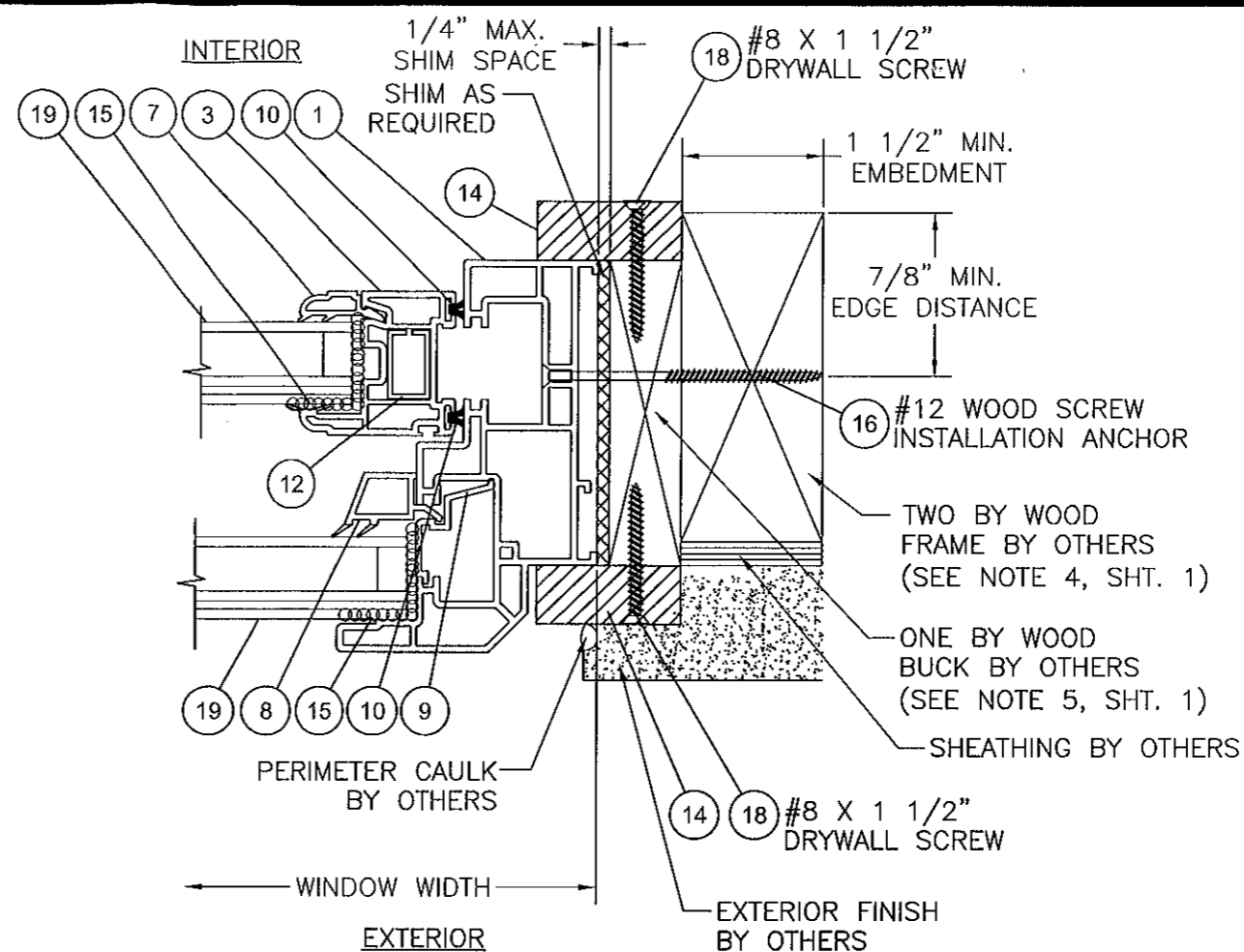
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By *Manuel*
Miami Dade Product Control



E

HORIZONTAL SECTION

CONCRETE / MASONRY SUBSTRATE



F

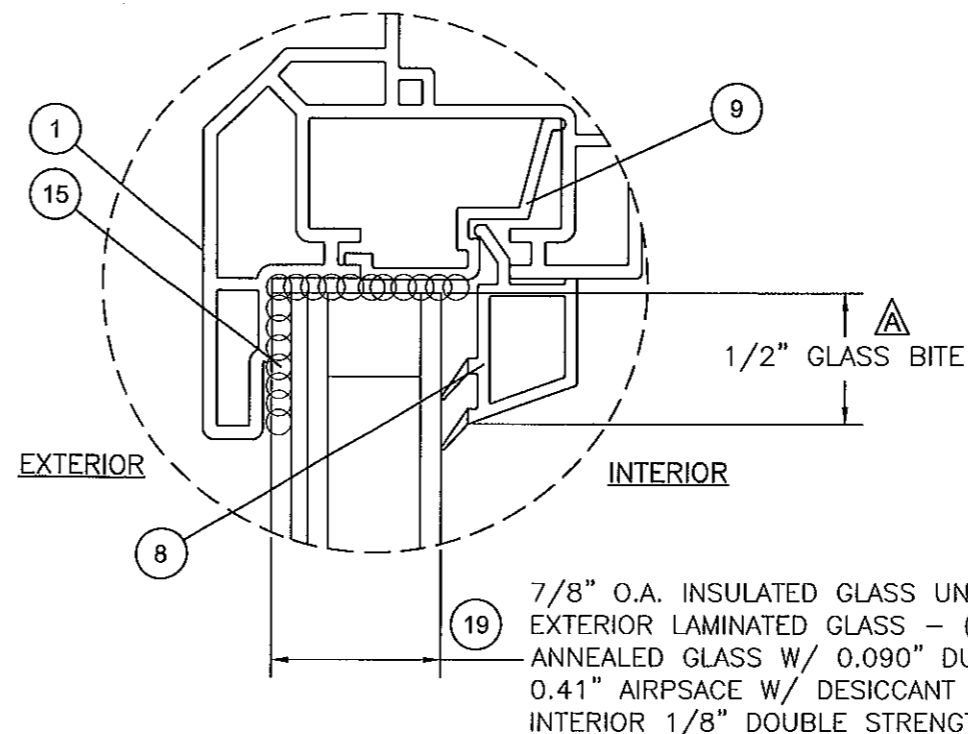
HORIZONTAL SECTION

WOOD SUBSTRATE

BILL OF MATERIALS

ITEM #	DESCRIPTION	MATERIAL	MANUFACTURER
1	MAIN FRAME	WHITE RIGID PVC	DOMINION PLASTICS
2	FIXED MEETING RAIL	WHITE RIGID PVC	DOMINION PLASTICS
3	SASH & MEETING RAIL	WHITE RIGID PVC	DOMINION PLASTICS
4	PANEL STOP / FRAME COVER	WHITE RIGID PVC	DOMINION PLASTICS
5	SLOPED SILL COVER	WHITE RIGID PVC	DOMINION PLASTICS
6	GLAZING STOP WITH HANDLE	WHITE RIGID PVC	DOMINION PLASTICS
7	GLAZING STOP (OPERABLE SASH)	WHITE RIGID PVC	DOMINION PLASTICS
8	GLAZING STOP (FIXED FRAME)	WHITE RIGID PVC	DOMINION PLASTICS
9	POCKET INSERT	WHITE RIGID PVC	DOMINION PLASTICS
10	0.270" HIGH CENTER FIN WEATHERSTRIP	VINYL	----
11	INTERLOCK COVER	WHITE RIGID PVC	DOMINION PLASTICS
12	REINFORCEMENT (SASH) 15 GA.	STEEL ALLOY 1008/1010*	REGENCY PLUS, INC.
13	REINFORCEMENT (FIXED MEETING RAIL) 15 GA.	STEEL ALLOY 1008/1010*	REGENCY PLUS, INC.
14	PARTING STOP	WOOD PT SYP	G=0.55 MIN.
15	SIKA FLEX 552 SILICONE	SILICONE	SIKA
16	#12 WOOD SCREW (INSTALLATION ANCHOR)	STEEL	----
17	1/4" ITW TAPCON (INSTALLATION ANCHOR)	STEEL	ITW
18	#8 X 1 1/2" DRYWALL SCREW	STEEL	----
19	7/8" O.A. INSULATED GLASS (SEE GLAZING DETAIL ON SHEET 4)	GLASS	----
20	BULB VINYL WEATHERSTRIP	VINYL	----

*ASTM A-A1008A / A109



GLAZING DETAIL

PROJECT #412-0120

REGENCY PLUS, INC.
1024 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

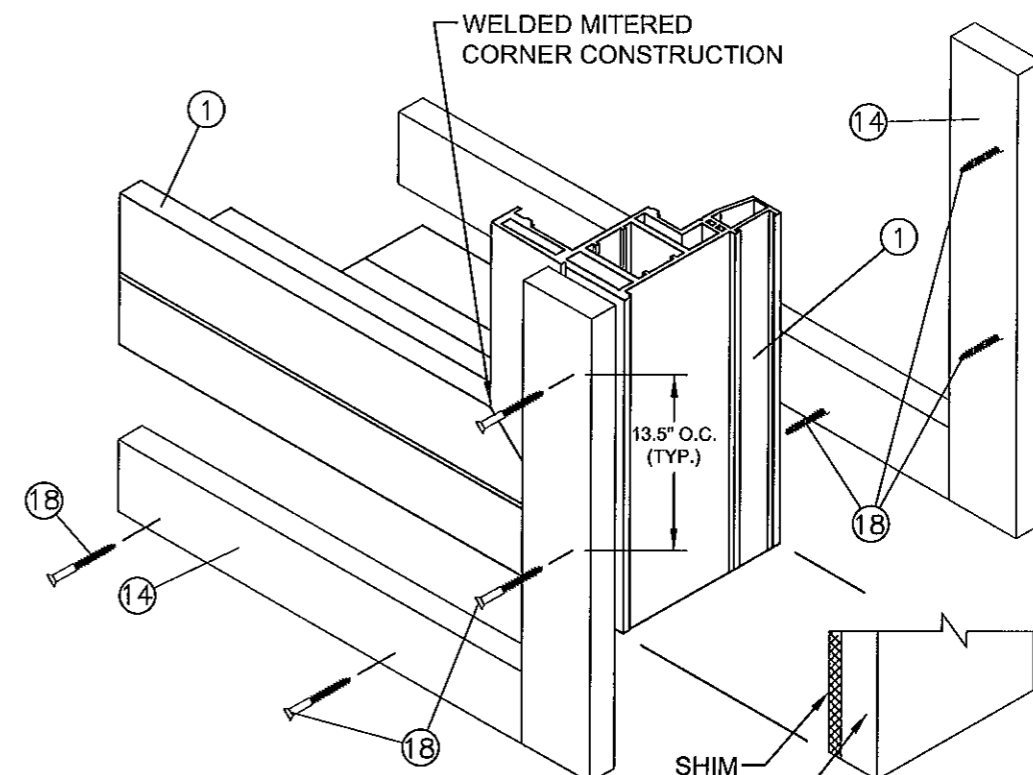
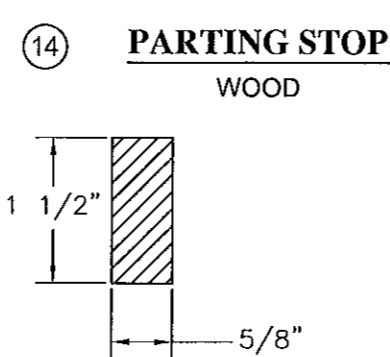
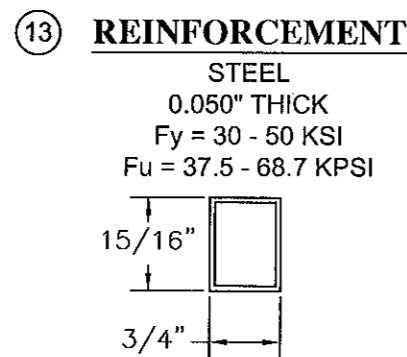
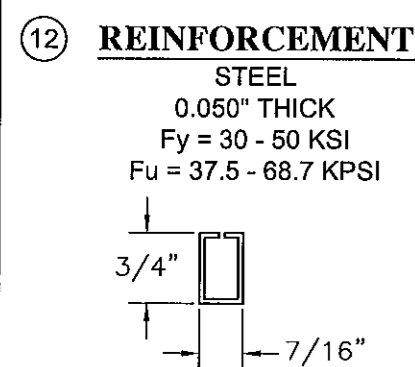
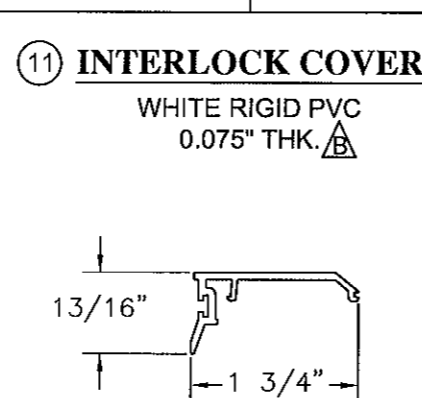
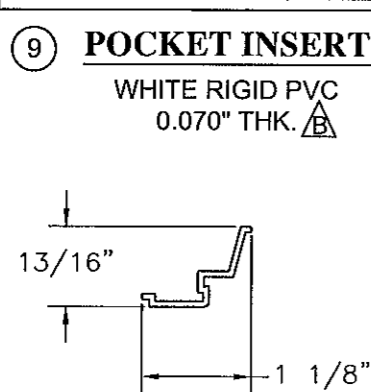
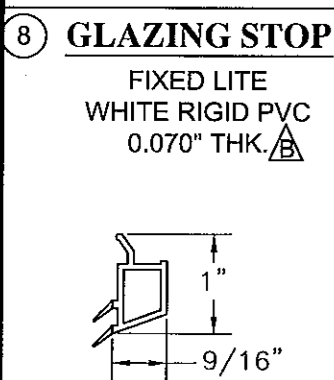
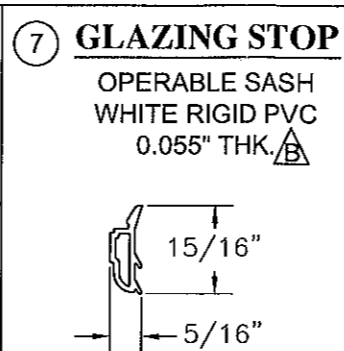
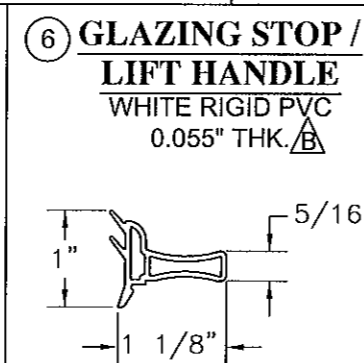
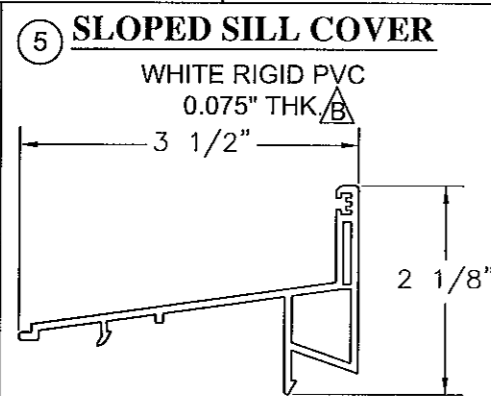
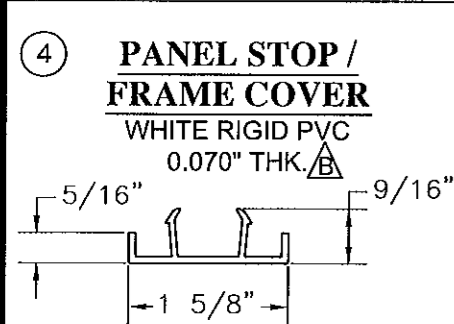
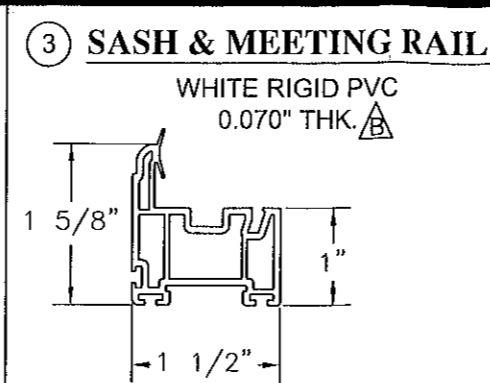
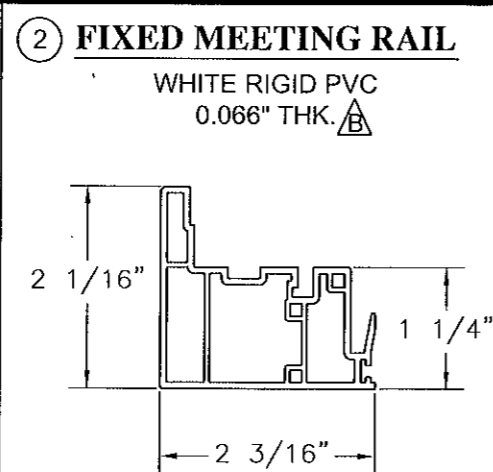
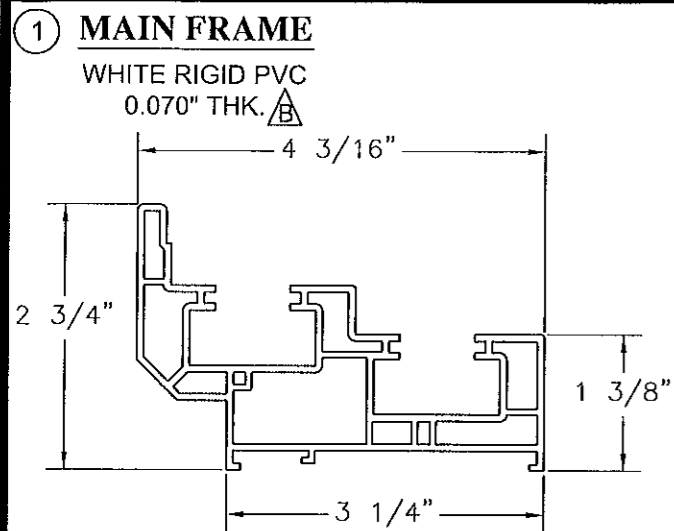
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HORIZONTAL SECTIONS, GLAZING DETAIL & BILL OF MATERIALS

DATE: 11/26/08
DRAWING NO: RPLS0062
SHEET: 4 OF 5

Robert J. Amoroso, P.E.
Florida P.E. No. 49752

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By *Manuel J. J.*
Miami Dade Product Control



NOTE: CORNER DETAIL
PARTING STOP EXTERIOR PERIMETER
TO BE SEALED TO 1X PT WOOD BUCK
WITH SIKA 551 SILICONE

PROJECT #412-0120		TJH	SMC	SMC	BY
UPDATE TO	02/07/12				
C	2010 FBC				
B	PER MIAMI-DADE COMMENTS DATED 4/23/09		05/26/09		
A	PER MIAMI-DADE COMMENTS DATED 3/3/09		04/15/09		
REV	DESCRIPTION			DATE	

REGENCY PLUS, INC. 1024 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DATE:	11/26/08
DRAWN BY: SMC		DRAWING NO:	RPLS0062
TITLE: IMPACT SERIES 5000 SINGLE HUNG WINDOW - LMI COMPONENTS & CORNER DETAIL		SCALE:	N.T.S.
PREPARED BY:		REV:	C
		SHEET:	5 OF 5

Robert J. Amoruso, P.E.
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WJ 2/2/12

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PRODUCT REVISED
as complying with the Florida
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By *Mamuel*
Miami Dade Product Control